| Electronic Patent                        | Apr   | lication Fe   | e Transı | mittal |                      |  |
|--|-------|---|----------|--------|----------------------|--|
| Application Number:                      | 10    | 10580642  |          |        |                      |  |
| Filing Date:                             | T     |   |          |        |                      |  |
| Title of Invention:                      | Aţ    | Apparatus and methods for distributed temperature sensing |          |        |                      |  |
| First Named Inventor/Applicant Name:     | Ar    | Arthur H. Hartog  |          |        |                      |  |
| Filer:                                   | Do    | Dona C. Edwards/Virginia Solis                            |          |        |                      |  |
| Attorney Docket Number:                  | 10    | 101.0170US/PCT  |          |        |                      |  |
| Filed as Large Entity                    |       |   |          |        |                      |  |
| U.S. National Stage under 35 USC 371 F   | iling | Fees  |          |        |                      |  |
| Description                              |       | Fee Code  | Quantity | Amount | Sub-Total in USD(\$) |  |
| Basic Filing:                            |       |   |          |        | 1                    |  |
| Pages:                                   |       |   |          |        |                      |  |
| Claims:                                  |       |   |          |        |                      |  |
| Miscellaneous-Filing:                    |       |   |          |        |                      |  |
| Oath/decl > 30 months from priority date |       | 1617  | 1        | 130    | 130                  |  |
| Petition:                                |       |   |          |        |                      |  |
| Patent-Appeals-and-Interference:         |       |   |          |        |                      |  |
| Post-Allowance-and-Post-Issuance:        |       |   |          |        |                      |  |
| Extension-of-Time:                       |       |   |          |        |                      |  |

| Description                       | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |
|-----------------------------------|----------|----------|--------|-------------------------|
| Extension - 1 month with \$0 paid | 1251     | 1        | 120    | 120                     |
| Miscellaneous:                    |          |          |        |                         |
|                                   | Tota     | 250      |        |                         |